

List of High Profile Topics*

July 2003 (Revised)

** Manuscripts and abstracts dealing with these topics will be forwarded to the Area Office and then to the National Program Staff through ARIS to keep management aware of new research results*

1. Creation of transgenic agricultural organisms by genetic engineering.
2. Biotechnology risk assessment research (gene flow, unintended ecological effects) that is likely to affect policy and/or regulatory actions.
3. Cloning of animals by somatic cell nuclear transfer.
4. Somatic cell fusion to recombine DNA in ways that cannot be achieved through sexual crossing.
5. Dioxin research.
6. Intellectual property rights and patent policy of agricultural organisms.
7. Agricultural (crop and animal) practices that may increase emissions of greenhouse gases (i.e., carbon dioxide, methane, nitrous oxide); impacts of global change on human health.
8. Agricultural (crop and animal) practices that threatens human health and the environment through introduction of hazardous materials, including excess nutrients, pesticides, salts, trace elements, pathogens, and pharmaceutically active compounds into soils and water.
9. Agricultural (crop and animal) practices that threatens human health and the environment through introduction of particulates, ammonia, hydrogen sulfide, volatile organic compounds, methane, nitrous oxides and pathogens into air.
10. Boll weevil eradication program.
11. Policies related to international plant, animal, and microbial genetic resources.
12. Research findings and recommendations that are contrary to current dietary guidelines or may be used in food labeling.
13. Megadoses of nutrients that may be beneficial to human health/nutrition.

14. Radiolytic products in food.
15. Harmful microorganisms and their products (e.g., aflatoxin, mycotoxin, fumonisin, Salmonella, E. Coli) in agricultural commodities.
16. Pesticides or animal drugs in foods above approved tolerance levels.
17. All transmissible encephalopathy (TSE) research including BSE research.
18. Development of herbicide-resistant plants.
19. Animal well-being/animal use.
20. Biological items that may affect trade and export negotiations, e.g., fire blight in apples, TCK smut, karnal bunt, insect infestations in export products, etc.
21. Narcotic plant control.
22. Methyl bromide topics that relate to policy and/or regulatory actions.
23. Medfly/Malathion replacements.
24. Research studying antibiotic/antimicrobial resistance.
25. Bioterrorism/attacks on agriculture.
26. Glassy-winged sharpshooter/Pierce's disease.
27. Sudden Oak Death.
28. Asian Citrus Canker.
29. Anthrax.
30. Emerging diseases or pest research that may impact policy and/or regulatory actions.
31. Ralstonia bacterial brown rot.
32. Soybean rust.
33. West Nile Virus.